

ASSEMBLY, OPERATING INSTRUCTIONS  
AND PARTS LIST FOR

# **SEARS**

## **SUBURBAN TRACTOR**

MODEL NO. 917.99400 - RECOIL STARTER

MODEL NO. 917.99410 - ELECTRIC STARTER

**SEARS**

ROEBUCK AND CO.



PART NO. 6547H

SEARS, ROEBUCK AND CO.—U.S.A.  
SIMPSONS-SEARS LIMITED—CANADA

PRINTED IN U.S.A.

# TABLE OF CONTENTS

DESCRIPTION	PAGE	DESCRIPTION	PAGE
INTRODUCTION .....	3	STARTER GENERATOR BELT .....	9
GENERAL INFORMATION .....	3	WHEEL WEIGHTS .....	9
OPTIONAL EQUIPMENT .....	3	STARTER AIR CLEANER .....	9
PARTS IDENTIFICATION .....	4	AIR CLEANER .....	9
BATTERY INSTALLATION .....	5	TOWING TRACTOR .....	9
OPERATING CONTROLS .....	5	SEAT POSITION .....	9
BEFORE STARTING ENGINE .....	6	IMPORTANT BATTERY CARE .....	10
TO START ENGINE .....	6	WINTER CARE .....	10
Recoil Starter .....	6	TIRES .....	10
Electric Starter .....	6	STORAGE INSTRUCTIONS .....	10
OPERATE TRACTOR .....	7	GENERAL .....	10
TRANSAXLE LUBRICATION .....	7	TROUBLE SHOOTING .....	11
ENGINE LUBRICATION .....	7	HARD TO START .....	11
LUBRICATION CHART .....	7	ENGINE OVER HEATS .....	11
BELT ADJUSTMENT .....	8	ENGINE LACKS POWER .....	11
BRAKE ADJUSTMENT .....	8	PARTS LIST .....	12 thru 21
BRAKE LOCK .....	8	HOW TO ORDER REPAIR PARTS .....	22



# TRACTOR GUARANTEE

. . . WE GUARANTEE the Sears Tractor to be free from defects in materials and workmanship for a period of one (1) year from date of sale. This also includes the gasoline engine which is warranted for a period of one (1) year by the gasoline engine manufacturer.

Should a defect appear within the guarantee period, we will, at our option, either repair or replace the defective part without cost to you.

This guarantee does not cover free repair, replacement, or installation of parts worn through normal use or to parts damaged due to accident, negligence, abuse or improper use, or if the Tractor has been altered or adjusted by other than our qualified serviceman.

We do not authorize any person or representative to make any other guarantee or to assume for us any liability in connection with the sale of the Sears Tractor other than those contained herein. Any agreements outside of or contradictory to the foregoing shall be void and of no effect. This guarantee applies only to those machines sold and operated in the United States and Canada.

SEARS, ROEBUCK AND CO.  
and SIMPSON-SEARS LIMITED

## INTRODUCTION

Your Tractor is ruggedly built for plenty of stamina and long life. You will be delighted with its ease in maneuvering. The design of your Tractor will give you the superior performance you have a right to demand of any tractor of this size. Properly adjusted, maintained and operated, it will respond to every reasonable demand you make upon it, and will give you reliable service for years.

## GENERAL INFORMATION

Keep this book handy at all times, familiarize yourself with the operating instructions before beginning to operate your tractor.

Each tractor is given a thorough inspection before shipment, however, it is important that it be again thoroughly checked at the time of receipt, to ascertain if any damage has occurred in transit.

Your tractor is shipped complete.

1 Carton 634X1 10 HP Tractor with Electric Starter

1 Carton 634X9 10HP Tractor with Recoil Starter

## OPTIONAL EQUIPMENT

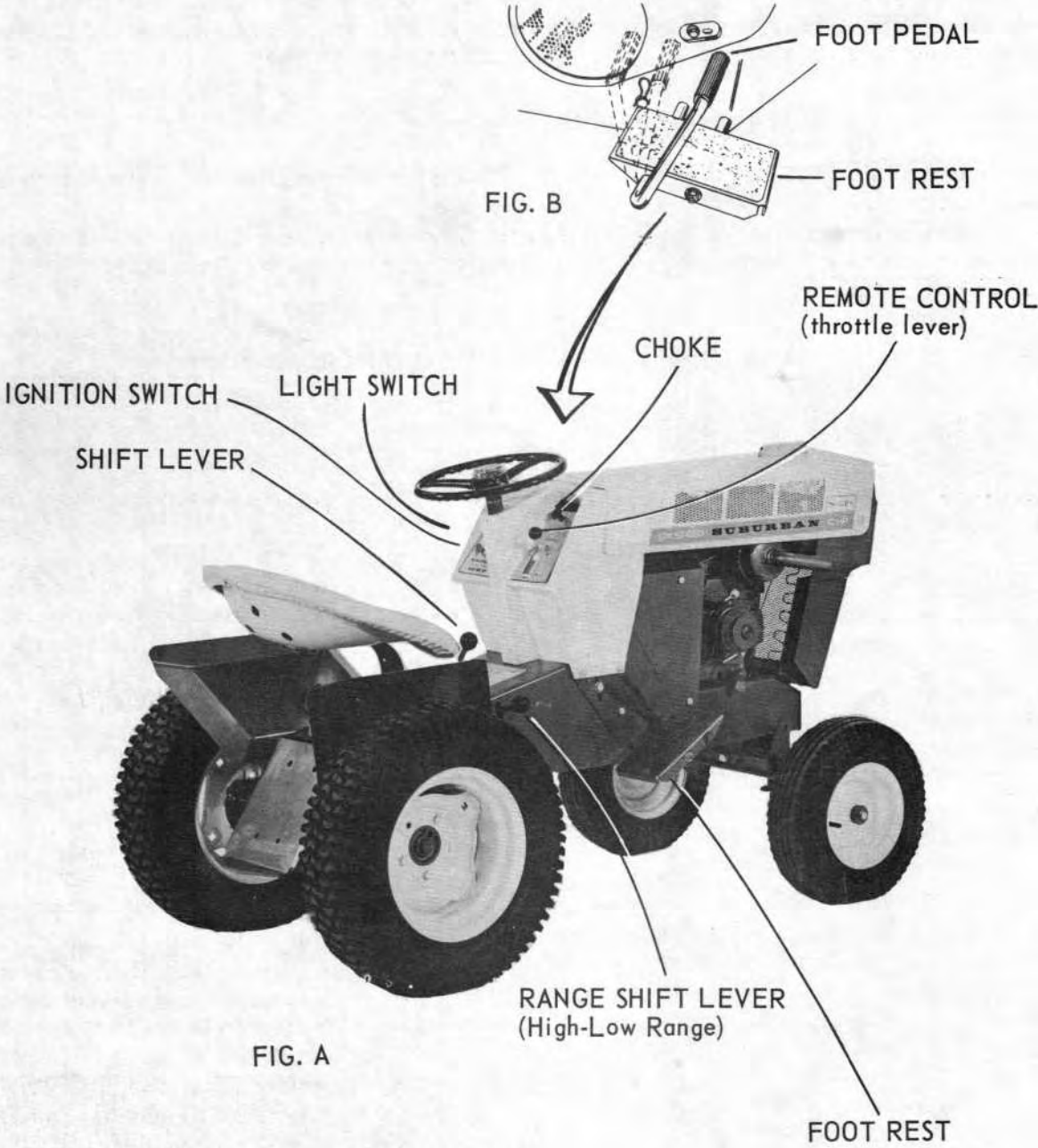
CATALOG NUMBER	BUNDLE NUMBER	DESCRIPTION
9931	606X80	Three Point Hitch
9934	634X4	Kit to Convert Recoil to Electric Starter
9939	634X8	Lighting Kit for Suburban W/Recoil Starter
9960	626X6	Pair of Wheel Weights

## ATTACHMENTS FOR YOUR TRACTOR

9813	606X4	Dis Harrow
9814	606X7	Drag Harrow
9815	606X8	Adjustable Foot
9816	606X18	Sweep- 14"
9817	606X5	Cultivator with 6" Sweep
9818	606X6	Cultivator with Double Point Shovel
9819	606X12	Weeding Hoes-Pair
9820	606X13	Hillers-Pair
9821	606X14	Shank and 6" Sweep
9835	634X12	Rotary Tiller 30"
9841	606X31	Front End Weight
5320	575X81	Middle Buster Blade 10"
5322	575X83	Corn Shovel 5" X 8"
9911	606X52	Leaf Mulcher - 42" Mower
9912	606X55	Replacement Blade 42" Mower
9914	575X66 and 606X58	Dump Rake with Teeth
9915	634X11	42" Grader Blade
9918	606X78	Cutter Bar Mower
9927	606X73	Moldboard Plow 8"
9930	606X77	42" Rotary Mower
9932	634X5	Snow Thrower
9938	634X6	Bulldozer 42"

Sears, Roebuck and Co. Simpsons-Sears Limited in Canada reserves the right to make any changes in design and changes or improvements on its implements without imposing any obligation to install the same upon its implements heretofore manufactured.





## SETTING UP INSTRUCTIONS

A number at the beginning of a paragraph in the following instructions refers to an arrow in the adjoining figure except when otherwise stated. When R.H. (Right Hand) and L.H. (Left Hand) are used, it should be understood to mean from a position behind and facing the tractor (or direction of travel). Reference to "front" indicates the engine and hood end of tractor, and the "rear" the transmission.

1. Remove carton from around tractor.
2. Cut banding holding tractor to crate bottom.
3. Check tire pressure, front tires 15 pounds, rear 8 pounds.
4. This suburban tractor has been completely assembled at the factory, except for the electric starter model. The battery is shipped dry. Below are instructions for filling and installing battery. Lubricate the tractor and add fuel.

NOTE: Use a good grade of regular, clean, fresh gasoline. Do not mix oil with gasoline. See Lubrication Chart.



FIG. C

1. Fill battery with electrolyte and charge battery as outlined in instructions in battery container.
2. Lift cowl and assemble clamp (B) to one of two battery bolts (A). Flat washer and wing nut above clamp. Hook the bolt clamp assembly into rear of battery support and turn clamp to side as shown. Slide battery into position with terminals to center of tractor, as shown in Fig. C.



FIG. D

3. Assemble other battery bolt (A) and clamp (B) as shown, with washer and wing nut and tighten wing nuts securely.
4. Connect starter switch cable (covered cable) to (+) terminal. Tighten nut securely.
5. Connect ground strap to (-) negative terminal, and tighten nut securely.

## OPERATING CONTROLS

Become thoroughly familiar with the operating controls before starting engine. See Figures A and B, Page 4 for location of controls.

The following controls are used to operate the tractor:

1. Clutch and brake foot pedal is located on the left side foot rest. The foot pedal operates a combination brake and drive clutch. There are three positions of operation on the foot pedal. See Figure B.
  - a. The clutch is in DRIVE position when the pedal is all the way out (i.e. when the foot is removed from the pedal).
  - b. The clutch is in NEUTRAL when the pedal is depressed half way or more.
  - c. The BRAKE is on when the pedal is pressed all the way forward.

DEPRESS CLUTCH BEFORE SHIFTING		
2	SPEED IN MPH	
	L	H
1	.75	1.9
2	1.4	3.6
3	2.4	5.9
1	R	2.3
MODEL NO. SERIAL NO. MADE IN U.S.A.		

FIG. E

2. Transmission gear shift lever is located at front center of seat. See Figure A.

The gear shift lever selects the Forward speeds, the Neutral, and the Reverse positions required. See Figure E.



FIG. F

3. The high-low range is located on R.H. frame side just forward of R.H. rear fender. The high-low range lever has 3 positions up for high-range, center for neutral position, and down for low range. There is two neutral positions in transmission, one on the gear shift lever and, one on the high-low range lever. Both levers must be engaged for tractor to operate. Place gear shift lever in neutral position for starting tractor. Place high low range lever also in neutral for easier pushing of tractor or when tractor is towed.

## BEFORE STARTING ENGINE

### LIFT COWLING

1. To lift cowl, grasp each side of cowl, at rear and pull outward and upward. Lift cowl to its extreme open position.



FIG. G

2. Engine crankcase is shipped with oil ready for use. However check oil level before starting. If necessary, add oil to bring oil level up to the fuel mark on the dip stick. Dipstick must be screwed in tight for checking oil level, and tractor should be level. NOTE: Do not fill above full mark on dipstick. Engine must be stopped when checking oil level. Refer to engine manual for grade and type of oil to use.
3. Fill fuel tank with regular grade of clean fresh gasoline, and open fuel shut off valve located near carburetor.

CAUTION: Before starting the engine, check to see that the controls are as follows:

4. Transmission gear shift lever must be in neutral. Neutral is when gear shift lever is free to move forward and backwards. It will operate similar to an automobile See Figure H.

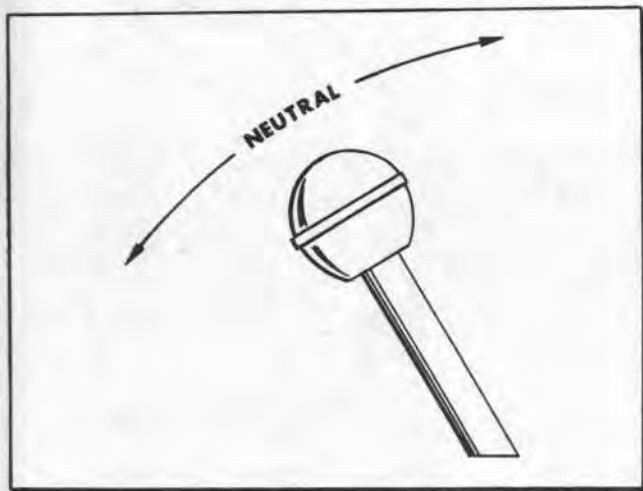


FIG. H

### TO START ENGINE

1. Pull out choke control to full choke position, to start cold engine.



FIG. I

### FOR RECOIL STARTER

1. Advance throttle lever to about  $\frac{1}{2}$  throttle.
2. Turn key clockwise to on position.
3. Grasp recoil starter handle See Figure (I) and pull sharply to start engine. Do not allow starter rope to snap back. Repeat until engine starts. Move choke control in about  $\frac{2}{3}$  of the way. Gradually push control in as engine warms up, before applying load.

NOTE: If engine does not start after several pulls push in choke control. Check to see that fuel shut off valve is open, fuel in tank and the ignition key is turned on.

### FOR ELECTRIC STARTER

1. Advance throttle lever to about  $\frac{1}{2}$  throttle.
2. Pull choke control out to full choke position.
3. The ignition and starter key is located on L.H. side of dashboard. Turn key clockwise to engage starter. When engine starts release key. After engine starts push in choke control as engine warms up. Let engine warm up before applying load.

CAUTION: Do not run starter continuously for more than 30 seconds at a time.

If after several attempts, engine does not start, move throttle control lever to FAST position. Wait for two minutes and try again.

4. After engine starts, move engine control lever to FAST position.

### FOR ALL MODELS

1. Engine speed between FAST and SLOW positions may be varied as desired.
2. To stop engine turn key in a counter clockwise direction to off position. Key can be removed so that children cannot start tractor.



## TO OPERATE TRACTOR

1. Try your tractor in a large, open space. Learn to start, stop and reverse.
2. Start the engine and put the remote control lever at about  $\frac{1}{2}$  throttle. Push down on foot pedal, move gear shift lever and range lever to speed desired. Release foot pedal slowly, and tractor will start to move. After foot pedal is fully released (clutch engaged) move remote control lever to fast position. If ground travel is too fast, depress foot pedal and shift to a slower ground travel speed. Always select a ground travel speed so that engine is not overloaded.

Do not shift gears while tractor is moving.

Important: Do not attempt to make any turns at high speed or when operating on a hillside. Reduce speed when on hillsides so that if wheel strikes a hole, rut or ditch tractor will not tip. Never release clutch quickly with remote control at fast position (full throttle). If tractor becomes mired or in a hole try to back out rather than drive forward.

To stop tractor, push foot pedal all the way down, move gear shift lever to neutral, set brake lock and release foot pedal. Always check to make sure brake lock will hold tractor secure. Shut off and remove key from switch.

This will prevent unauthorized children from starting tractor. Never leave engine running with tractor unattended.

## TRANSAXLE LUBRICATION

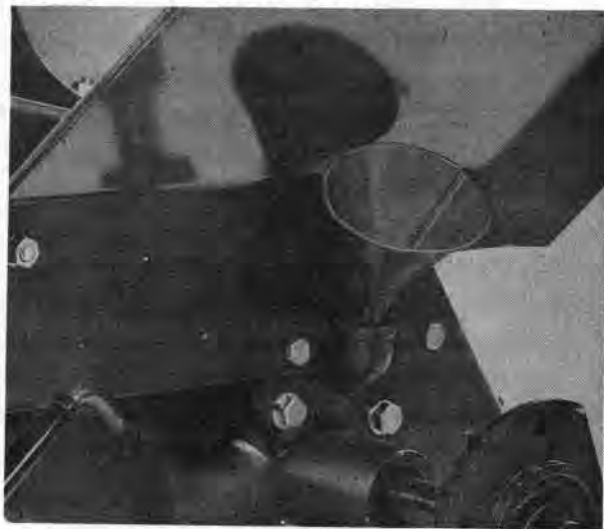


FIG. J

1. Check oil in transaxle every 50 hours of operation.
2. Change oil in transaxle after 500 hours of operation. To drain oil unscrew drain plug on lower L.H. side of transaxle, and catch oil in suitable container, see Figure J.
3. To fill transaxle use 5 qts. of Allstate SAE 30 motor oil for service MM or MS. Fill through filler plug as shown in figure J, NOTE: Rear wheel is shown removed for illustration.
4. To check oil level, remove filler plug from transaxle. Oil level should be even with this plug.

## ENGINE LUBRICATION

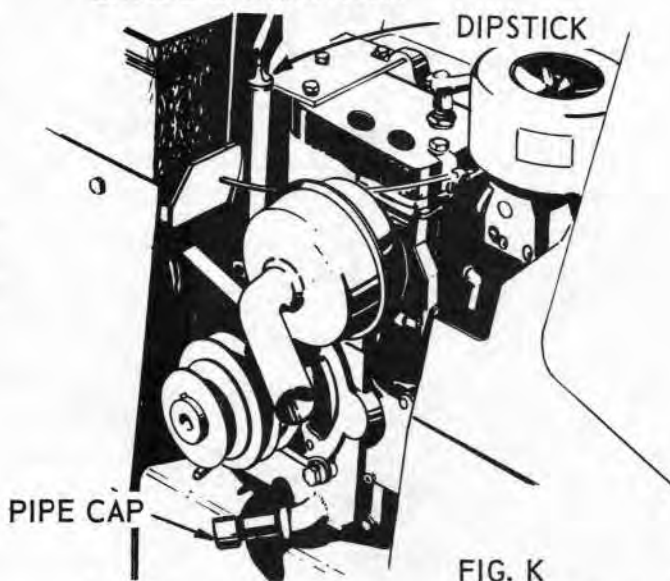
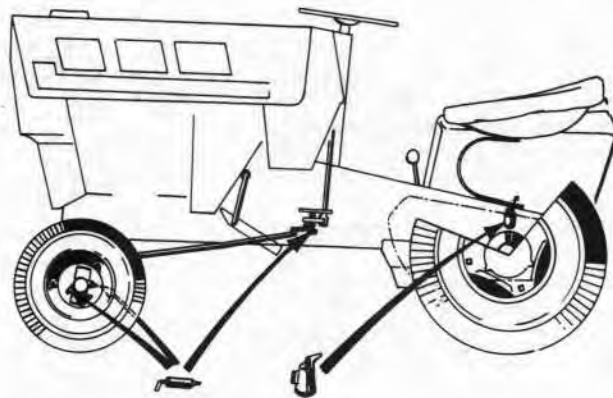


FIG. K

1. Change oil in crankcase after first 2 hours of operation. Engine should be warm when oil is changed.
2. To drain oil, unscrew pipe cap at lower front end of engine and catch used oil in suitable container. See Figure K.
3. Refill engine crankcase with oil as instructed under "Before Starting the Engine". Check oil level after each five hours of operation and add oil, if necessary, to bring to correct level.
4. After first oil change, oil should be changed after each 25 hours of operation.



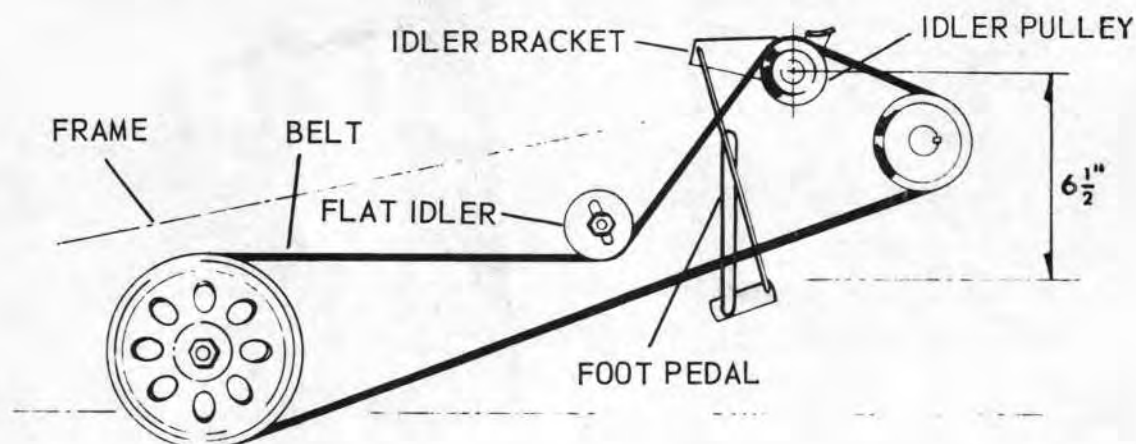
## LUBRICATION CHART

There are only 5 grease fittings on this tractor:

1. Grease front spindles and wheels every five hours. Two slots of grease each fitting.
2. Grease steering sector every 5 hours, two shots of grease.
3. Check oil in engine crankcase at least every 5 hours of operation. Change oil every 25 hours of normal operation, in extremely dirty or dusty conditions change oil every 15 to 20 hours of operation.
4. Check oil in transaxle every 50 hours of operation. Change oil in transaxle every 500 hours of operation.
5. Apply several drops of oil to all pivot points every 5 hours of operation.

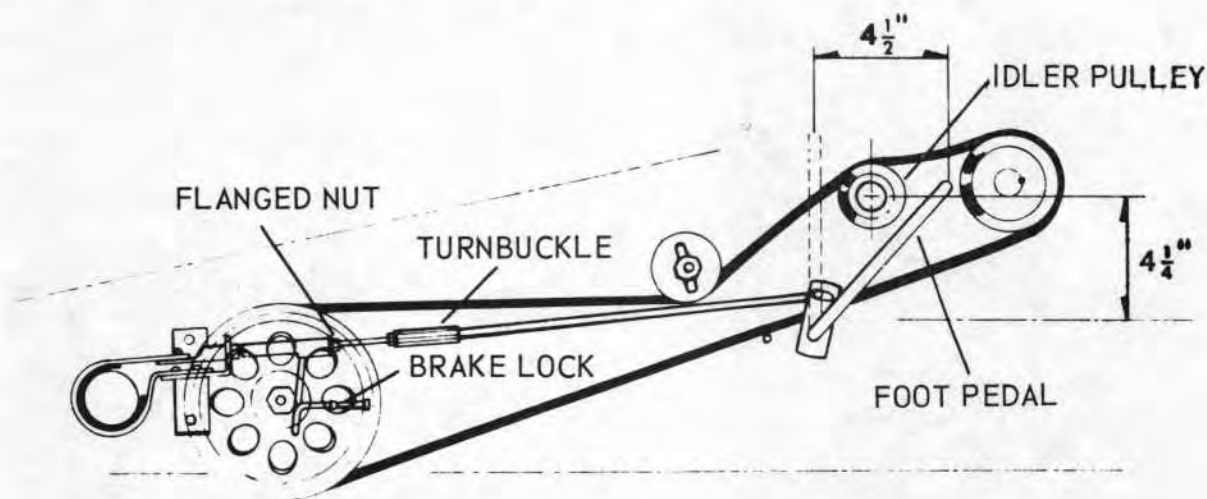


## BELT ADJUSTMENT



1. Loosen bolt in flat idler and frame, and push idler and bolt down in slot of frame until center of idler pulley on idler bracket (just back of engine) is  $6\frac{1}{2}$  inches above frame as shown. Tighten bolt in flat idler and frame securely.

NOTE: Foot pedal should be in vertical or just back of vertical position with clutch engaged. New belts will stretch after a few hours of operation, then after initial stretch, adjustment is seldom necessary, so adjust belt after 1st 10 hours of operation.



## BRAKE ADJUSTMENT

To adjust brake, loosen nut back of turnbuckle and turn turnbuckle (clockwise when standing in front of tractor) one turn at a time until foot pedal has between 4 to  $4\frac{1}{2}$  inches of travel from clutch engaged to full brake position, or center of idler is about  $4\frac{1}{4}$  to  $4\frac{1}{2}$  inches above frame as shown.

Tab on idler bracket will deflect belt slightly. Tighten jam nut against turnbuckle to lock turnbuckle in position. Keep brake properly adjusted especially in hilly terrain.

## BRAKE LOCK

The flanged nut is adjustable forward or backward on rear brake rod so that lock assembly will hold brake full on when parking lock is pulled up (lock position). Tighten jam nut against flanged nut to lock flange nut in position. As brake band wears, flanged nut will have to be readjusted.



FIG. L

### STARTER GENERATOR BELT

1. Remove 3 screws (A) holding belt guard to engine.
2. Loosen bolt (B) in generator adjusting strap and generator, move starter generator back to tighten belt and tighten bolt (B) securely. Belt should be tight enough to prevent belt slippage when starting tractor.

### WHEEL WEIGHTS:

Rear wheel weights are available where extra draw bar pull is desired. When attaching weight to the wheel the convex side should be out. Insert the bolts from the outside through the holes, which have a deep recess on the concave (inner) side, and holes in wheel disc. Another wheel weight can be added by placing nut in hex recess of first weight and bolt second weight to first. WHEEL WEIGHTS ARE VERY ESSENTIAL FOR ADDED TRACTION. THIS IS ESPECIALLY TRUE FOR ALL TILLAGE TOOLS SUCH AS PLOW ETC. AND WITH SNOWPLOW - BULLDOZER.

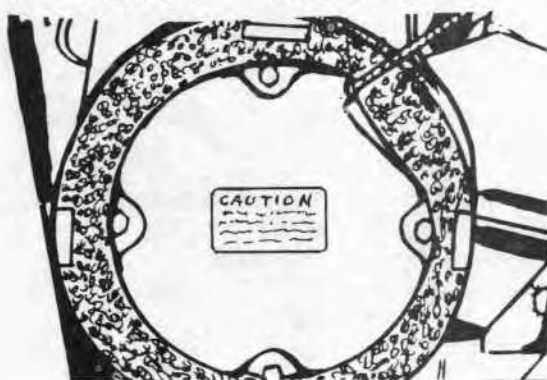


FIG. M

### STARTER AIR CLEANER

Keep starter air cleaner clean on recoil models, and screen clean on electric models. This is necessary so that engines will have proper cooling. Remove polyurethane cleaner from around starter on recoil models and top lightly. Knead in hands to remove all dirt and larger particles of foreign matter. Compressed air can also be used to clean element. Replace air cleaner around starter.



FIG. N

### AIR CLEANER

Clean air cleaner periodically. To clean carburetor air cleaner remove wing nut that holds air filter cover to bracket and remove cover.

1. Pull element from bracket.
2. Tap element lightly to dislodge any dirt etc. which has accumulated on element. Compressed air may also be used to clean air cleaner. Blow air from center to outside. This is a dry type air cleaner, so do not oil or wash in gasoline or other solvent.
3. Clean cover and bracket and replace element. Wing nut must be kept tight. If air cleaner becomes dirty, engine will not receive sufficient air to run properly. At the start of each season it is recommended that a new element be installed.

### TOWING TRACTOR

Place gear shift lever and range lever in neutral position. Tractor can then be towed at a reasonable safe speed.

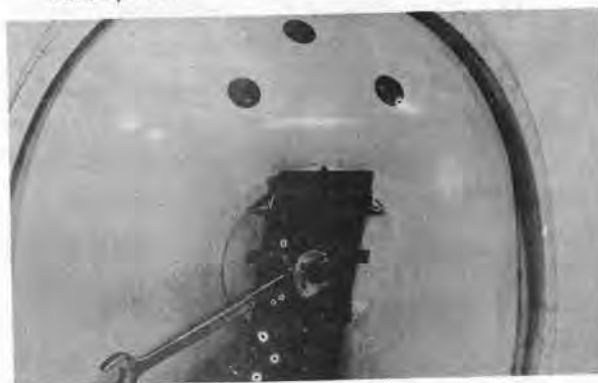


FIG. O

### SEAT POSITION

The seat may be moved towards the front or rear to give the most comfortable riding position. To move the seat, loosen the nut beneath the seat spring and slide the seat to the position required. Tighten the nut making sure that the seat has not twisted out of alignment with the seat spring.

## IMPORTANT - BATTERY CARE

Proper attention to the battery on units so equipped is of the utmost importance.

Your battery is of the same high standard as is used in automobiles. Unfortunately it does not have the advantage of automatic attention by the service station attendant as the one in your car.

The following points are recorded to help remind you to provide attention to the battery and gain full advantage of the usable life built into the battery and avoid costly replacements.

1. Check solution level in battery at least once each week. Add distilled water when required to retain the level of 3/16" over the separators. After adding water, run the engine so that the generator charge will mix the solution. Do not over fill - retain 3/16" solution above plates.
2. Keep the battery clean. Remove any collection of grease or other substance from the top of the battery.
3. Keep top of battery clean and dry at all times.
4. Keep battery snug in its cradle or holder.
5. Keep vent caps tight and small vent holes in caps open.
6. If battery should become discharged or fall below a specific gravity of 1.225 remove battery and have it recharged.
7. When recharging, request service station to **SLOW CHARGE** the battery at a rate of 2 to 3 amperes. **FAST CHARGING IS NOT RECOMMENDED.**

## WINTER CARE

1. If unit is not used regularly during winter months it should be removed and stored in a cool, dry place.
2. If unit is used only infrequently during winter months check at least once each thirty days to be sure a full charge is maintained.
3. A battery not fully charged can freeze resulting in the necessity to replace.
4. A safe rule is to charge the battery monthly or at least test and recharge if below 1.225 specific gravity.

Please remember the necessity of proper winter care for the battery. Batteries not in use for several months and not kept fully charged produce a sulphation of the plates which cannot be removed by recharging.

Your guarantee is intended to provide you adequate protection. It does not, however, cover recharging or damage resulting from lack of care, freezing or inability to perform after winter or long storage periods without proper attention.

## TIRES

Keep tires inflated to 15 pounds of air in front, 8 pounds in rear. To repair a punctured tire, front wheel may be removed by unscrewing cap screw from front spindle and sliding washer and front wheel complete with tire from spindle. **NOTE:** Bolt on L.H. front wheel has L.H. threads. Remove rear wheel by unscrewing three hub bolts from wheel and hub. A local automobile repair station can repair tire in same manner as an automobile.

## STORAGE INSTRUCTIONS

In the event your tractor is to be inoperative for periods in excess of 30 days - prepare for storage as outlined below:

1. Drain gas tank.
2. Drain carburetor by allowing engine to run out of gasoline. Then push in drain valve under carburetor bowl to remove all gasoline from carburetor. Evaporating gasoline will leave gum deposits if not drain completely. These deposits make fuel systems inoperative resulting in a hard or non-starting engine when again used.
3. Do not save or store gasoline over winter.

## GENERAL

1. Just as your automobile needs professional mechanical maintenance from time to time, so does your air cooled engine. Cleaning and adjustment of the carburetor and periodic replacement of the spark plug and ignition points is made necessary by **NORMAL** use.
2. Professional air cooled engine service is as close as your nearest Sears Store.
3. A yearly check up or tune up by Sears is a good idea to avoid breakdowns or delays . . . Do it each fall, then you're ready for spring. We even prepare it for storage for you.

## HOW TO START IF BATTERY IS LOW

1. The quickest and best method is to use jumper cables from your 12 Volt automobile battery to the tractor battery.

**CAUTION:** Be sure to connect jumper cable from (+) positive terminal of automobile battery to (+) positive terminal of tractor battery. Connect remaining jumper cable to negative terminals of both batteries.

If jumper cables are not available belt guard assembly and starter-generator belt can be removed from engine. A piece of rope about 3 ft. long can be used to start engine. Tie a knot at one end of rope and a piece of wood at the other end of the rope (to use as a handle). Wrap rope around pulley and pull rope sharply to start engine. This method will start engine but will not charge battery. Do not attempt to install belt with engine running. We advise the use of jumper cables or remove and charge battery. If belt has been removed, replace belt and adjust tension properly. Replace belt guard.



## TROUBLE SHOOTING

### HARD TO START

No gasoline in fuel tank or carburetor.	Fill fuel tank; open fuel shut off valve. Check fuel line, fuel strainer and carburetor. Remove fuel strainer and clean. Clean fuel line and carburetor.
Fuel strainer, or fuel line clogged.	Drain fuel from tank and carburetor. Refill with fresh clean gasoline. Remove and dry spark plug and reset plug gap. Replace wire on spark plug.
Water in gasoline or old fuel. Spark plug wire off at spark plug Spark plug dirty	Remove plug, clean and reset plug gap, or install new spark plug.
Improperly choked, not fully choked or flooded engine.	Check choke if not fully choking correct. Flooded engine, push in choke, open throttle and crank engine to clear out gas.
Dirty carburetor air filter Carburetor out of adjustment Ignition switch off	Remove air filter and tap to remove dust and dirt, clean with compressed air. Install new air cleaner once each year. Check carburetor adjustment, see engine manual. Turn on ignition key.
Poor ignition	Check points, condensor plug, soil or loose wires.

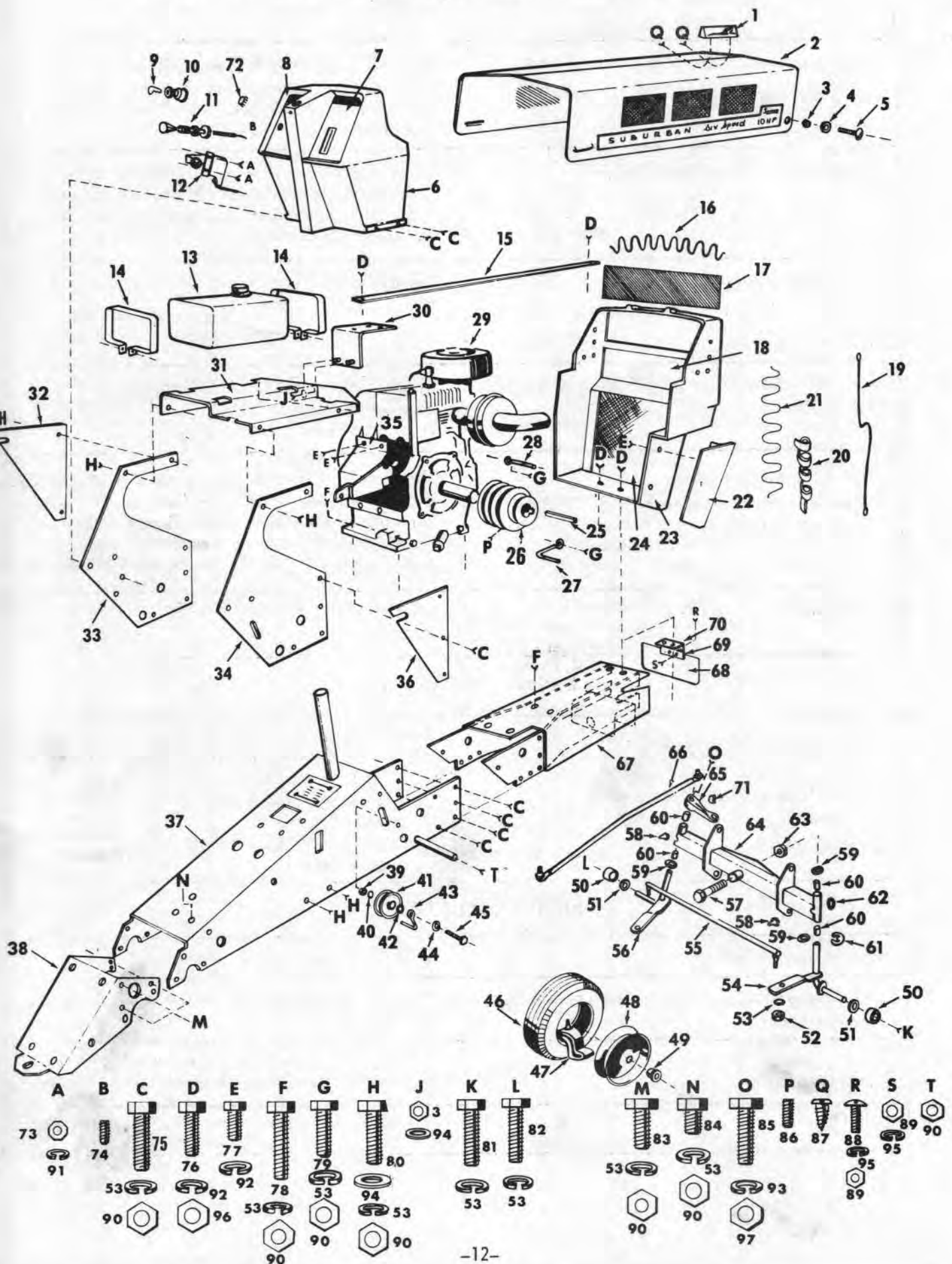
### ENGINE OVERHEATS

Dirty starter, air cleaner or screen	Clean polyurethane cleaner around starter or screen over starter. Be sure fins on cylinder head and around cylinder are clean.
Check oil level in crankcase.	Fill to level indicated on dip stick.
Lean Mixture	Do not over fill engine. Correct carburetor adjustment. See Engine Manual

### ENGINE LACKS POWER

Engine overloaded	Shift to a lower gear or reduce load.
Dirty carburetor, air cleaner. Improper carburetor adjustment	Clean or replace air cleaner. Adjust. See engine manual.
Faulty ignition Poor compression	Check points, spark plug condensor, coil and loose wires. See Dealer to check compression.
Belt slips	Tighten drive belt.

SEARS SUBURBAN 10 HP TRACTOR -- MODEL NUMBERS 917.99400 & 917.99410

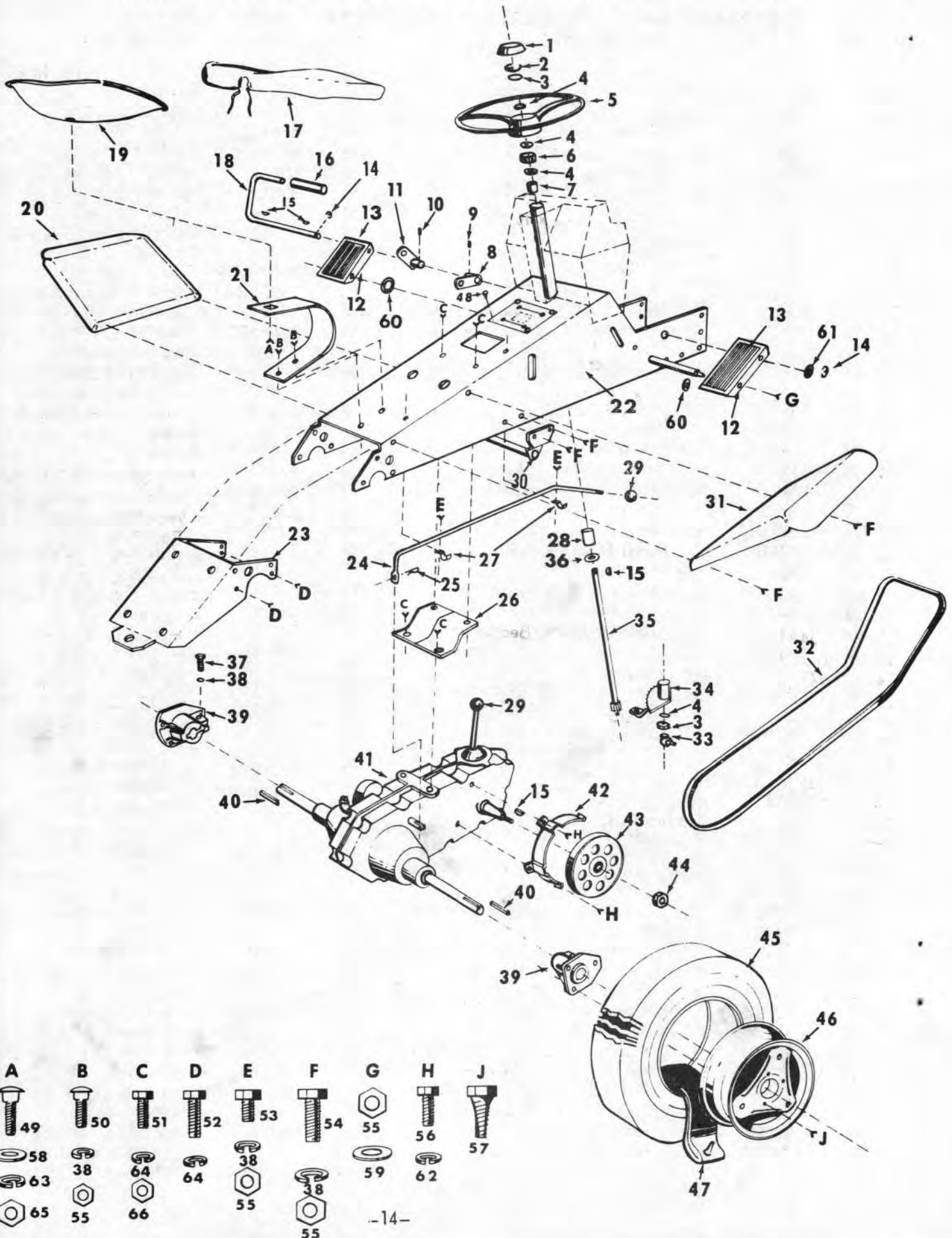


## PARTS LIST

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	6357H	Hood Ornament	51	09132507	Washer 13/32x1-9/16 x 7 Ga.
2	634A15	Cowling top Assembly	52	120369	Hex Nut 3/8 - 24
3	1685H	Lock Nut 5/16 - 18	53	273589	Lock Washer 3/8
4	19141607	Washer 7/16 x 1 x 7 Ga.	54	634A11	Spindle - R.H.
5	3578H	Cowling Pivot Bolt	55	4761H	Tie Rod & Joints
6	6463H	Dashboard	56	634A12	Spindle Complete - L. H.
7	6465H	Dashboard Panel R.H.	57	428721	Hex Bolt 5/8-11 x 4-1/2
8	6464H	Dashboard Panel L.H.	58	6855M	Grease Fitting
9	5913H	Key Set	59	19262014	Washer 13/16 x 1-1/4 x 14 Ga.
10	5798H	Ignition Switch	60	1309H	Bearing
11	6466H	Choke Control	61	98000071	E Ring Truarc #5133 - 75
12	634A36	Remote Control	62	19090814	Washer 9/32 x 1/2 x 14 Ga.
13		Tank Fuel (See Engine Book)	63	4764H	Huglock Nut 5/8-11
14		Strap Fuel Tank (See Engine Book)	64	606A226	Front Axle W/Bearings
15	6420H	Dashboard Brace	65	4759H	Drag Link Arm
16	3662H	Grill Retainer	66	6476H	Drag Link & Joints
17	5780H	Grill Front Upper	67	634A26	Engine Mount Assembly
18	5807H	Grill Panel	68	634A28	Front Channel Cover & Weld Bolts
19	6536H	Shorting Wire	69	6485H	Hinge
20	6541H	Tie	70	6433H	Front Channel Cover Support
21	5794H	Grill Retainer - Lower	71	9943M	Woodruff Key 1/4 x 3/4
22	5790H	Grill Side	72	2987H	Plug Button
23	6496H	Grill Frame	73	120375	Hex Nut 1/4 - 20
24	5781H	Grill Front - Lower	74	115321	Hex Socket Headless Set Screw C.P. 5/16-18 x 5/16
25	9396E	Sq. Key 1/4"	75	122145	Hex Bolt 3/8-16 x 1-1/4 H.T.
26	634A20	Engine Pulley W/Set Screw	76	120272	Hex Bolt 5/16 - 18 x 1
27	6481H	Belt Guide Finger- Lower	77	122007	Hex Bolt 5/16 - 18 x 3/4
28	6480H	Belt Guide Finger - Upper	78	120918	Hex Bolt 3/8-16 x 1-1/2
29	634A21	Engine 10 H.P. Craftsman Elec. Start	79	122126	Hex Bolt 3/8 - 16 x 7/8
29	634A53	Engine 10 H.P. Craftsman Recoil Start	80	120233	Hex Bolt 3/8-16 x 1
30	634A30	Engine Tie Bracket	81	120233	Hex Bolt 3/8 - 16 x 1
31	634A31	Tank and Battery Support Assembly	82	04850616	Hex Bolt 3/8 - 16 x 1 L.H.
32	6430H	Cover L.H.	83	120233	Hex Bolt 3/8 - 16 x 1
33	6458H	Tank and Battery Support Bracket R.H.	84	122119	Hex Bolt 3/8 - 16 x 3/4
34	6457H	Tank and Battery Support Bracket L.H.	85	122307	Hex Bolt 7/16 - 14 x 2
35	634A29	Idler Bracket - Support Weldment	86	102583	Hex Socket Headless Set Screw C.P. 5/16 - 18 x 5/8
36	6431H	Cover R.H.	87	17900806	Truss Hd. Cross Recess Thread Cutting Screw #8-32 x 3/8 Type 1 C.P.
37	634A19	Chassis Assembly W/Bearings	88	141526	Truss Hd. Machine Screw #10 -24 x 3/8
38	6426H	Drawbar	89	120361	Hex Nut #10 - 24
39	271501	Hex Nut 7/16 - 14	90	120377	Hex Nut 3/8 - 16 NC
40	456121	Lock Washer 7/16	91	453692	Lock Washer 1/4
41	6635H	Flat Idler	92	273588	Lock Washer 5/16
42	09151811	Washer .469 I.D. x 1-1/8 x 11 Ga.	93	456121	Lock Washer 7/16
43	6479H	Belt Guide Finger	94	120394	Washer 13/32 x 13/16 x 16 Ga.
44	120395	Washer 15/32 x 59/64 x 16Ga.	95	432226	Lock Washer #10
45	122320	Hex Bolt 7/16 - 14 x 2-1/2	96	120316	Hex Nut 5/16 -18
46	6376H	Tire 4.80 / 4.00 x 8 - 2 PLY	97	271501	Hex Nut 7/16 - 14
47	338H	Tube 4.00 x 8 W/Straight Stem		6547H	Instruction Sheet for 917.99400 and 917.99410 10 HP Suburban Tractors
48	4760H	Front Wheel			
49	5920H	Flanged Bearing			
50	6427H	Dust Cap Outer			



SEARS SUBURBAN 10 HP TRACTOR -- MODEL NUMBERS 917.99400 & 917.99410



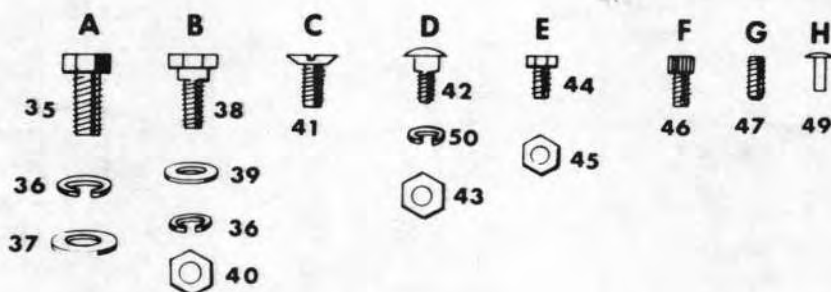
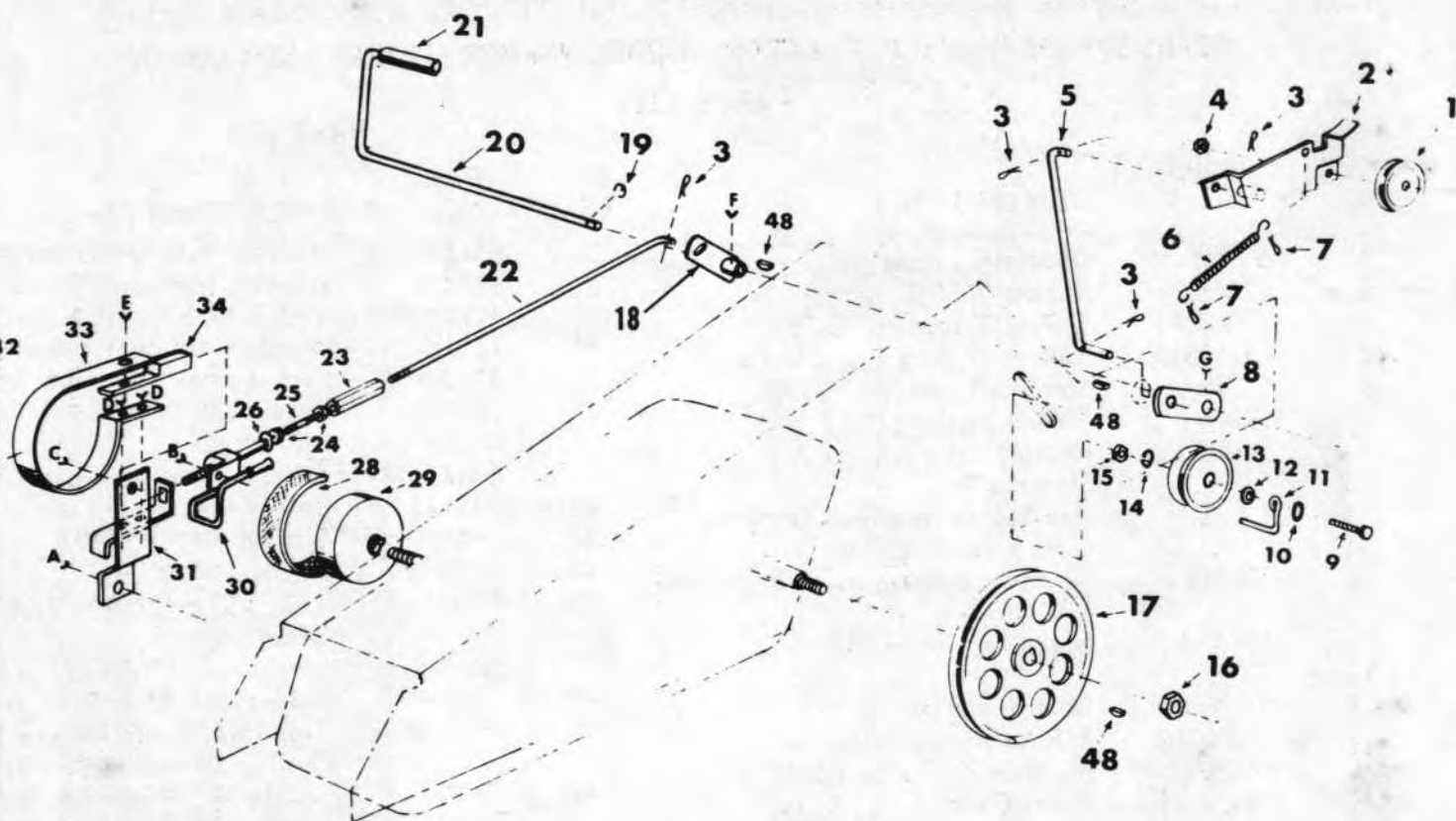
## SEARS SUBURBAN 10 H.P. TRACTOR -- MODEL NUMBER 917.99400 AND 917.99410

## PARTS LIST

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	6368H	Decorative Insert	34	634A13	Steering Gear Sector and Arm
2	6740H	Rubber "O" Ring	35	634A16	Steering Shaft and Pinion
3	98000071	E Ring Truarc #5133-75	36	19292016	Washer 57/64 x 1-1/4 x 16 Ga.
4	19252016	Washer 49/64 x 1-1/4 x 16 Ga.	37	122150	Hex Bolt 3/8-16 x 1-3/8
5	5138H	Steering Wheel	38	273589	Lock Washer 3/8
6	5949H	Rubber Bushing	39	5089H	Wheel Hub- Rear
7	6468H	Bearing	40	4700A	Sq. Key 1/4"
8	626A31	Steering Arm	41	633A23	Transmission
9	115321	Hex Socket Headless Set Screw	42	634A22	Belt Guide
		C.P. 5/16-18 x 5/16	43	6461H	Transmission Pulley
10	105111	Sq. Hd. Set Screw C.P. 5/16-18x 3/8	44	120371	Hex Nut 1/2-20
			45	5808H	Tire 7.50 x 12 2 Ply Turf Saver Tread
11	634A33	Brake Arm Assembly	46	1297H1	Disc Wheel 12 x 5 JA rim
12	5070H	Foot Rest	47	1296H	Tube 600 X 12 W/Straight Stem
13	5124H	Foot Rest Pad	48	9418248	Truss Hd. Cross Recess Thread
14	98000072	E Ring Truarc #5133 - 62			Cutting Screw #10-24 x 7/16
15	9858M1	Woodruff Key 3/16 x 5/8	49	120917	Sq. Neck Carriage Bolt 1/2-13 x 1-1/4
16	4382H	Pedal Cover	50	120915	Sq. Neck Carriage Bolt 3/8-16 x 1
17	6483H	Seat Pad	51	122253	Hex Bolt 7/16-14 x 1
18	6412H	Foot Pedal Shaft	52	122267	Hex Bolt 7/16 - 14 x 1-1/4
19	1199M	Seat	53	122119	Hex Bolt 3/8 - 16 x 3/4
20	6436H	Fender - L.H.	54	120233	Hex Bolt 3/8-16 x 1
21	6422H	Seat Spring	55	120377	Hex Nut 3/8 - 16
22	634A19	Chassis Assembly W/Bearings	56	122007	Hex Bolt 5/16-18 x 3/4
23	6426H	Drawbar	57	1304H	Hub Bolt
24	6477H	Range Shift Rod	58	19171911	Washer 17/32 x 1-3/16 x 11 Ga.
25	456723	Cotter Pin 3/16 x 1	59	120394	Washer 13/32 x 13/16 x 16 Ga.
26	6459H	Transmission Bracket	60	19211610	Washer 41/64 x 1 x 10 Ga.
27	6442H	Shift Rod Bracket	61	19211612	Washer 21/32 x 1 x 12 Ga.
28	4766H	Bearing	62	273588	Lock Washer 5/16
29	6364H	Control Knob	63	456122	Lock Washer 1/2
30	634A14	Hanger - Rear	64	456121	Lock Washer 7/16
31	6435H	Fender- R.H.	65	120378	Hex Nut 1/2-13
32	6474H	V Belt (ground drive)	66	271501	Hex Nut 7/16 - 14
33	6842M	Grease Fitting			

SEARS SUBURBAN 10 HP TRACTOR -- MODEL NUMBERS 917.99400 & 917.99410

another free manual from www.searstractormanuals.com

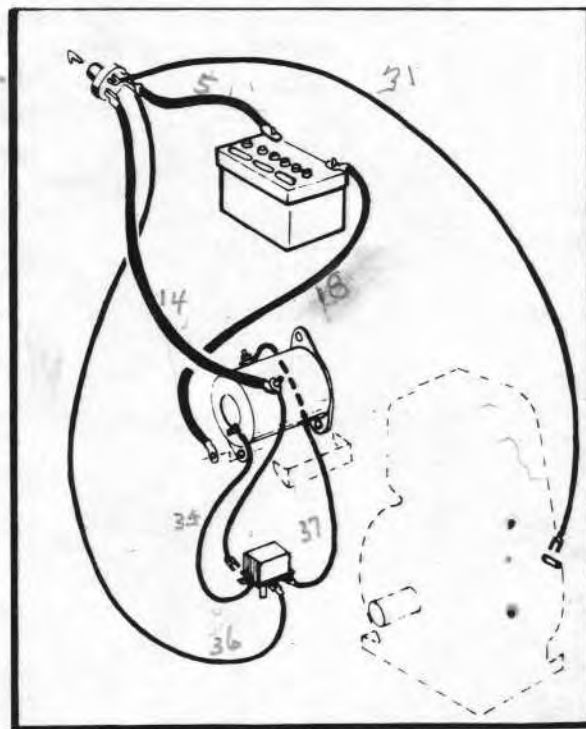
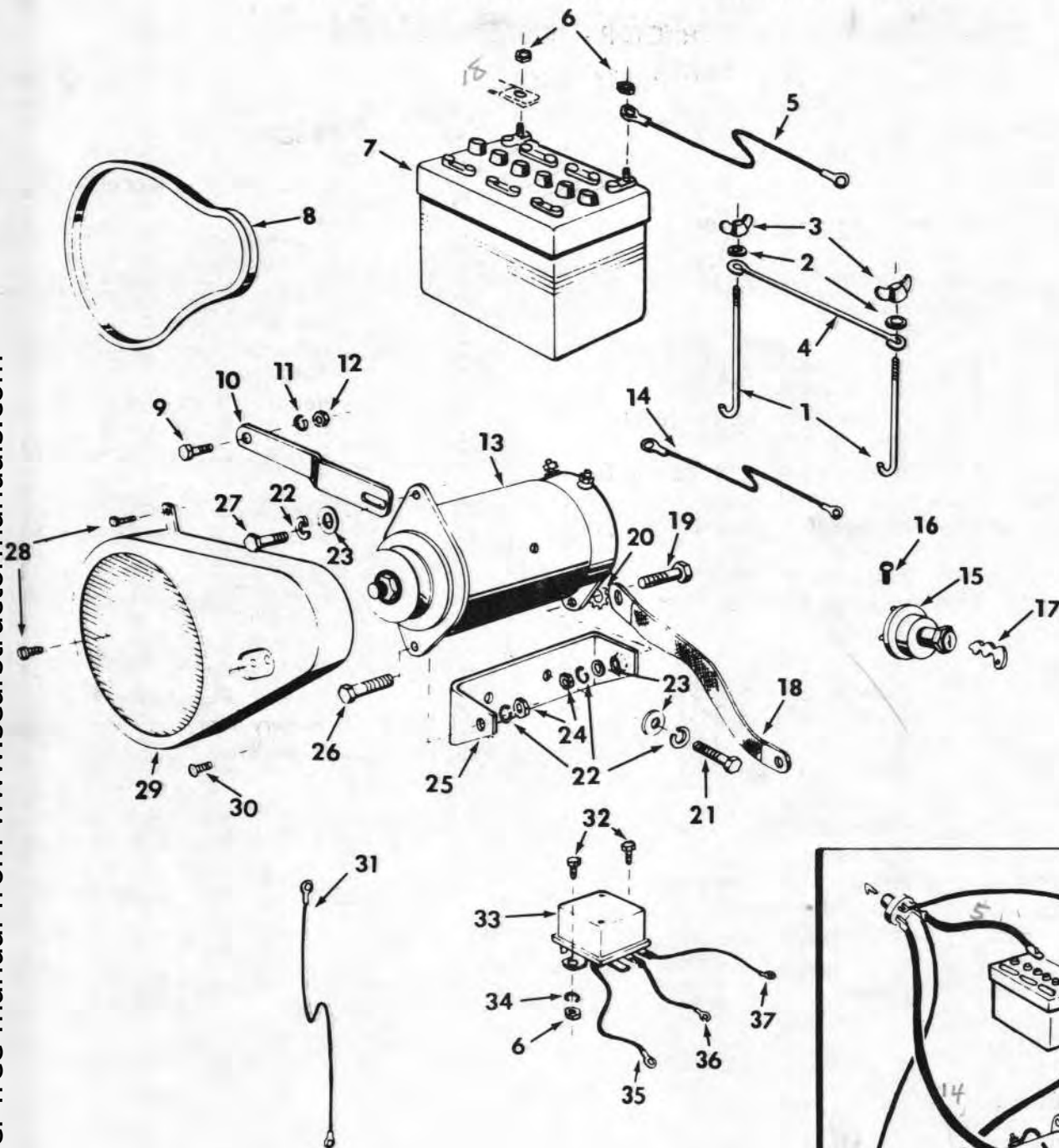




## SEARS SUBURBAN 10 H.P. TRACTOR -- MODEL NUMBER 917.99400 &amp; 917.99410

## PARTS LIST

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1X	6636H	Idler	26	6000H	Large Flange Nut
2	634A24	Idler Bracket and Pin	27	4379H	Shift Handle Grip
3	177923	Cotter Pin 1/8 x 3/4	28	6482H	Brake Lining
4	9416771	Nylock Nut 3/8-24	29	6415H	Brake Drum
5	6406H	Clutch Rod	30	634A27	Parking Lock Assembly
6	6486H	Spring	31	634A25	Brake Bracket Assembly
7	456723	Cotter Pin 3/16 x 1	32	2228M	Woodruff Key 3/16 x 3/4
8	626A31	Steering Arm			H.T.
9	122320	Finished Hex Bolt 7/16-14x 2-1/2	33	634A23	Brake Band And Lining
10	120395	Washer 15/32 x 59/64 x 16 Ga.	34	6416H	Brake Rod Guide
11	6479H	Belt Guide Finger	35	122126	Hex Bolt 3/8-16 x 7/8
12	09151811	Washer .469 I.D. x 1-1/8 x 11 Ga.	36	273589	Lock Washer 3/8
13	6635H	Flat Idler	37	120394	Washer 13/32 x 13/16 x 16 Ga.
14	456121	Lock Washer 7/16	38	5948H	Shoulder Bolt
15	271501	Hex Nut 7/16-14	39	5999H	Spring Washer
16	120371	Hex Nut 1/2 - 20	40	120377	Hex Nut 3/8 - 16
17	6461H	Transmission Pulley	41	17210612	Flat Hd. Machine Screw Undercut 3/8-16 x 3/4
18	634A33	Brake Arm Assembly	42	110356	Sq. Neck Carriage 1/4-20 x 1/2
19	98000072	E Ring Truarc #5133 - 62	43	120375	Hex Nut 1/4 - 20
20	6412H	Foot Pedal Shaft	44	122007	Hex Bolt 5/16 - 18 x 3/4
21	4382H	Pedal Cover	45	120376	Hex Nut 5/16 - 18
22	6407H	Brake Rod-Front	46	105111	Sq. Hd. Set Screw C.P. 5/16-18 x 3/8
23	6417H	Turnbuckle	47	115321	Hex Socket Headless Set Screw C.P. 5/16-18x5/16
24	124829	Hex Jam Nut 3/8-16			Nylock
25	6408H	Brake Rod-Rear	48	9858M1	Woodruff Key 3/16 x 5/8
			49	05080404	Rivet Brass Tubular #4 x 1/4
			50	453692	Lock Washer 1/4



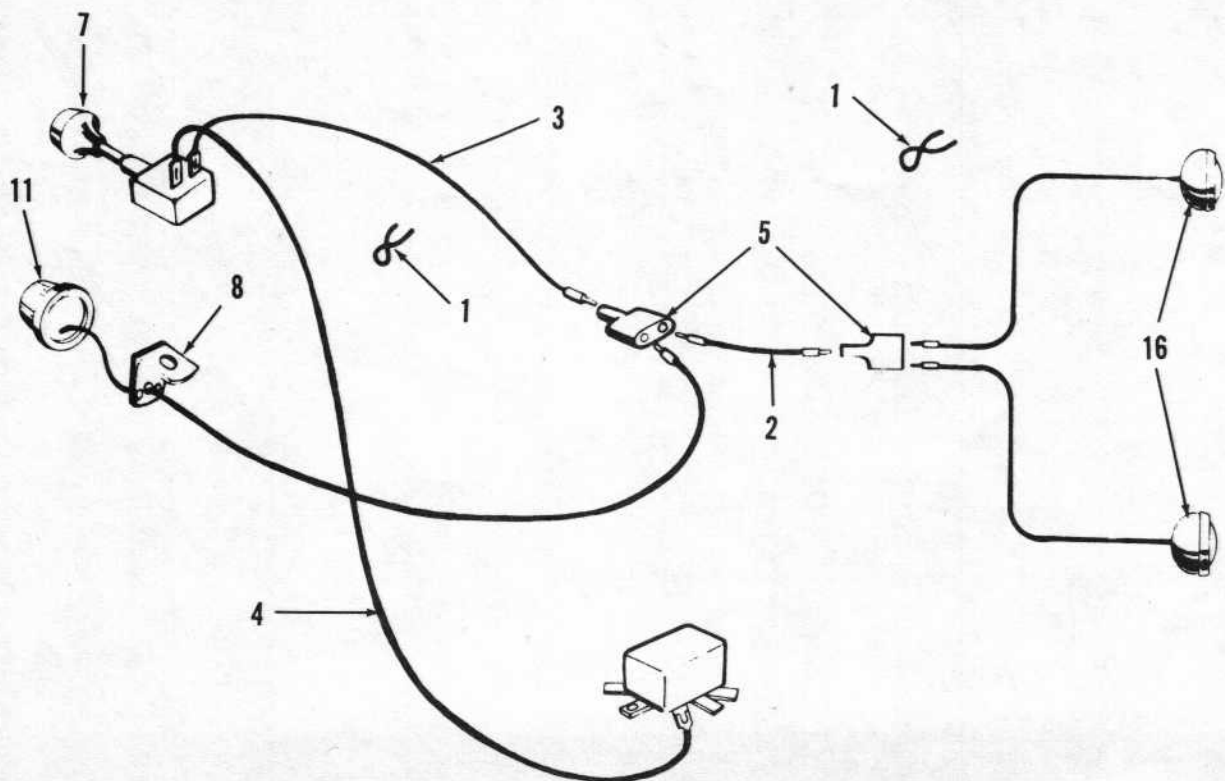
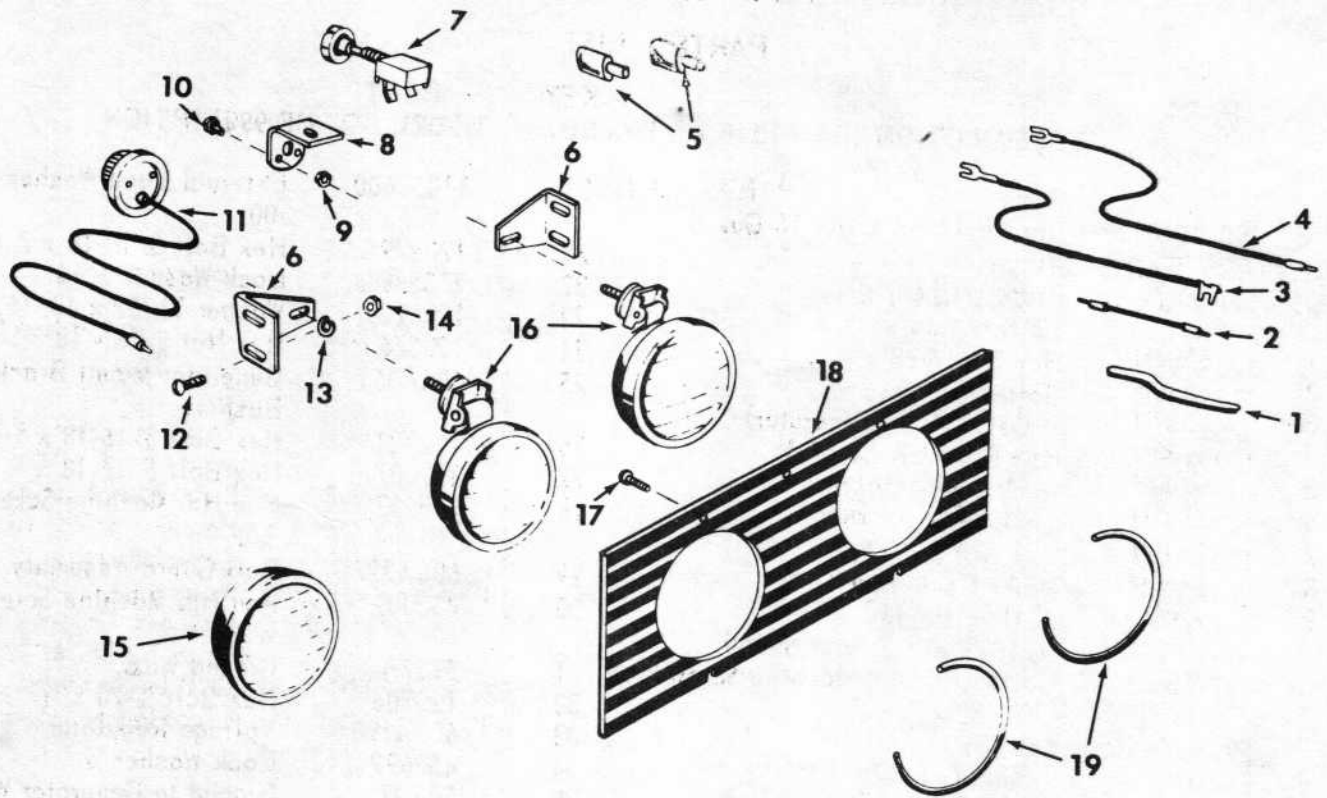
## SEARS SUBURBAN 10 H.P. TRACTOR -- MODEL NUMBER 917.99410

## PARTS LIST

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	5072H	Battery Bolt	20	11050600	External Lock Washer #1120
2	19091216	Washer 17/64 x 3/4 x 16 Ga.			-00
3	3748M	Wing Nut	21	120229	Hex Bolt 5/16-18 x 7/8
4	5110H	Battery Clamp	22	273588	Lock Washer 5/16
5	6121H1	Battery Cable	23	120393	Washer 11/32 x 11/16 x 16 Ga.
6	120375	Hex Nut 1/4-20	24	120376	Hex Nut 5/16 - 18
7	5111H1	Battery	25	606A361	Generator Mount Bracket &
8	3754H1	V Belt (Motor-generator)			Bushing
9	120233	Hex Bolt 3/8 - 16 x 1	26	122027	Hex Bolt 5/16-18 x 1-1/4 H.T.
10	6419H	Generator Adjusting Strap	27	122007	Hex Bolt 5/16-18 x 3/4
11	273589	Lock Washer 3/8	28	445957	Pan Hd. Machine Screw 1/4-28 x
12	120377	Hex Nut 3/8- 16			3/8
13	606A325	Motor Generator	29	606A327	Belt Guard Assembly
14	6593H	Battery Cable	30	453049	Pan Hd. Machine Screw 1/4-20 x
15	5797H	Ignition and Starter Switch			3/4
16	132900	Slotted Rd. Hd. Machine Screw	31	5959H	Ground Wire
		#10 - 32 x 3/8	32	120706	Hex Bolt 1/4-20 x 1/2
17	5913H	Key Set	33	606A190	Voltage Regulator
18	6534H	Ground Cable	34	453692	Lock Washer 1/4
19	122052	Hex Bolt 5/16-18x 1-3/4 H.T.	35	5803H	Ground to Generator Wire
			36	6535H	Battery Wire
			37	5804H	Field Wire



SEARS SUBURBAN 10 HP TRACTOR -- MODEL NUMBER 917.99410



SEARS  
ROEBUCK AND CO.

## SEARS TRACTOR GUARANTEE

ISSUED TO

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

### TO THE PURCHASER...

Below is listed the model number of your Sears Tractor as well as the date of your purchase. Keep this certificate with your valuable papers. This information will prove helpful should you need to avail yourself of your guarantee rights or if you need to order repair parts during the years of service which have been built into this fine piece of equipment.

MODEL NUMBER

\_\_\_\_\_

DATE OF SALE

\_\_\_\_\_

### REMEMBER...

#### ONLY SEARS HAS IT

A NATIONWIDE SERVICE ORGANIZATION  
COAST TO COAST  
FACTORY APPROVED PARTS AND  
EXPERT FACTORY TRAINED MEN



### SERVICE CONTRACT

A modern low cost, full protection Service Contract is available on this product, coverage up to two full years if desired. No examination necessary if purchased within 30 days of original Tractor purchase. Contact your nearest Sears Store.

STORE STAMP

\_\_\_\_\_

## SEARS SUBURBAN 10 H. P. TRACTOR -- MODEL NO. 917.99410

## PARTS LIST

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	6541H	Tie	10	187463	Truss Hd. Slotted Screw
2	6540H	Lead Wire			#10 - 24 x 1/2
3	6539H	Lead Wire	11	6537H	Tail Light
4	6538H	Lead Wire	12	120272	Truss Hd. Slotted Machine
5	5740H	Wire Connector			Screw 5/16 - 18 x 1
6	5731H	Head Light Bracket	13	273588	Lock Washer 5/16
7	5735H	Light Switch	14	120376	Hex Nut 5/16 - 18
8	6440M	Tail Light Bracket	15	6651H	Sealed Beam
9	120361	Hex Nut #10 -24	16	5734H	Head Light
			17	19161004	Pan Hd. Thread Cutting Screw
					Type 1 #10-24x 1/4
			18	5732H	Grill Light Panel
			19	5736H	Light Panel Edging

# WE SERVICE WHAT WE SELL

*no matter where you live in the U.S.A.*



Your Sears Tractor takes on new value when you discover that Sears has 2000 Service units around the country using 7500 fully-equipped trucks and staffed by 10,000 factory-trained technicians. These men are Service Professionals who back up all Sears guarantees. They use Sears approved parts and methods for expert repairs to fulfill the pledge: "We Service What We Sell".

## PUT SEARS UNDER CONTRACT TO YOU

with a Sears Service Contract . . . . .

Sears Tractors are designed, manufactured and field tested for years of dependable operation. Yet, any mechanical equipment may require service from time to time. A Sears Service Contract is more than an extension of the guarantee. It provides complete protection from unexpected repair bills and undue inconvenience. It assures you of maximum performance. Look at the advantages of a Service Contract that is purchased with your new Tractor.

- \* Mechanical adjustment, parts and service for one year.
- \* Adjustment and service involving replacement of worn as well as defective parts.
- \* Cleaning of fuel system, tank, carburetor, lines, crankcase and oil pump at no additional cost.

This unlimited coverage is available for only pennies a day. Let a Sears salesman or Service Technician explain all the benefits of a Sears Service Contract.

### TRACTOR MODEL NUMBERS

917.99400 AND 917.99410

The Model Number will be found on a plate attached under the gear shift lever.

### ENGINE MODEL NUMBER

See Engine Manual for Engine Model Number and Engine Parts List.

### HOW TO ORDER REPAIR PARTS

All parts listed herein may be ordered through SEARS, ROEBUCK AND CO. or SIMPSON'S SEARS LIMITED. When ordering parts by mail from the mail order house which serves the territory in which you live, selling prices will be furnished on request or parts will be shipped at prevailing prices and you will be billed accordingly.

WHEN ORDERING REPAIR PARTS, ALWAYS GIVE THE FOLLOWING INFORMATION AS SHOWN IN THIS LIST.

1. The PART NUMBER      3. The MODEL NUMBER
2. The PART NAME      4. The NAME OF ITEM -  
Tractor.